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62, 67
BEGIN...

Your Next Year Garden

...NOW!

with **McCULLOUGH'S**

Catalog of **BULBS, SEEDS and PLANTS**

FALL 1943

We give you suggestions in this folder of these unusual gems.
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SPRING GLORY

Short Trumpet or Cupped Narcissus

ALCIDA. Giant flower, pure white perianth opening flat, star shaped, with individual petals over 1½ inches wide; broad citron yellow cup with blood orange frill, strong grower, fine substance and wonderfully free flowering, very late. 3 for 40c; \$1.10 per doz.; \$7.75 per 100.

CONSPICUUS. Large, broad, yellow perianth; short crown, edged with scarlet. A robust, strong grower and free-bloomer. Should be grown in quantity for cutting, as it lasts longer than most sorts. 75c per doz.; \$5.00 per 100.

DIANA KASNER. Pure white perianth and a large fluted yellow cup with blood-red frill, very free-flowering and an excellent forcer. 85c per doz.; \$6.50 per 100.

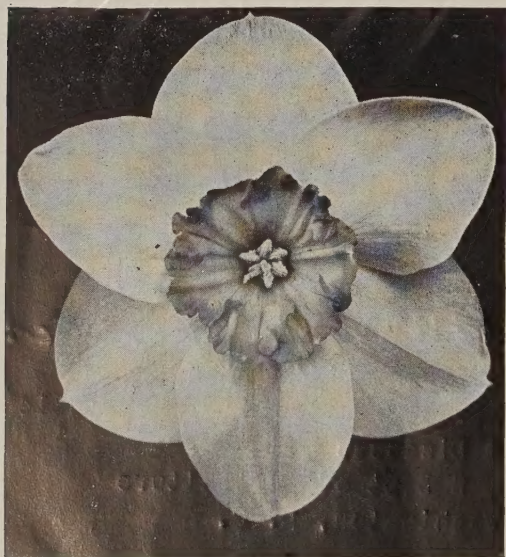
LAURENS KOSTER (Poetaz or Bunch-flowered). Vigorous grower, bearing heads of large flowers having a pure white perianth and large orange-yellow cup. 80c per doz.; \$6.00 per 100.

POETICUS ORNATUS MAXIMUS. Large, pure white flowers; saffron cup, tinted with rosy scarlet. Very early. 75c per doz.; \$5.00 per 100.

POETICUS RECURVUS. (Pheasant's Eye; Poet's Narcissus). Flowers pure white, with distinct red crown; sweet-scented. 75c per doz.; \$5.00 per 100.

Jonquil Narcissus

CAMPERNELLE, Single. A tiny golden Daffodil frequently having three blooms on a stalk. Very sweet-scented. 85c per doz.; \$6.50 per 100.



CROESUS

NARCISSUS OR DAFFODILS

In order to have a beautiful bulb garden, Narcissus should be planted very freely. They thrive in practically any climate in the United States, and are not only excellent for outdoors, but millions are used every year for forcing indoors. Their graceful form, beautifully shaped trumpets and cups, and the long, straight stems have made them favorites for cut-flower purposes.

Plant in soil in pots or bulb pans. Plunge in cold frames or place in cool basement. When well rooted bring into conservatory, greenhouse or place in sunny window in a cool temperature.

Culture Outdoors. Plant so that top of bulb is at least five inches beneath the soil. A little protection should be given during severe winter weather, although they are perfectly hardy.

The following list of Daffodils has been selected carefully and is recommended as most suitable for our gardens. The varieties presented on this page are not only adapted to this section but are garden varieties that can be offered at reasonable prices.

Large Trumpet Varieties

AEROLITE. A huge golden Daffodil, beautifully proportioned, being graceful despite its size. Perianth deep primrose with a pure yellow trumpet. Blooms early but remains until late. One of the longest lasting Daffodils either in the garden or after being cut. 3 for 50c; \$1.35 per doz.; \$9.50 per 100.

EMPEROR. The entire flower is yellow and the trumpet is very large. \$1.00 per doz.; \$7.00 per 100.

EMPRESS. White perianth, yellow trumpet. \$1.00 per doz.; \$7.00 per 100.

GLORY OF SASSENHEIM. Rich yellow trumpet, fine white perianth, a large flower of pleasing form. \$1.00 per doz.; \$7.00 per 100.

SPRING GLORY. A favorite both for the garden and for forcing; pure yellow trumpet, white perianth, excellent stem, and always free blooming. \$1.00 per doz.; \$7.00 per 100.

KING ALFRED. Large, bold, golden yellow flower with deeply frilled mouth, elegantly recurved, of lasting quality both in the garden and when cut. 1st Size Round Bulbs, \$1.15 per doz.; \$8.00 per 100 Extra Double-Nosed Bulbs, 3 for 45c; \$1.55 per doz.; \$11.00 per 100. Jumbo Bulbs, 3 for 60c; \$2.25 per doz.; \$15.00 per 100.

MRS. E. H. KRELAGE (White King Alfred). Perianth almost pure white. Trumpet a light cream or ivory, the entire flower passing to a pure white as the flower ages. The trumpet is long, rather straight and beautifully reflexed edges. Flowers are of excellent form, substance and texture, delightfully fragrant. 3 for 75c; \$2.50 per dozen; \$17.50 per 100.

TRESSERVE. An outstanding leader in its class. Deep canary-yellow with a paler perianth, the segments of which reach forward about the trumpet, producing a flower of distinct individuality. The trumpet mouth is 2 inches across and deeply lacinated. 3 for 40c; \$1.25 per doz.; \$9.00 per 100.

Double Narcissus

ALBUS PLENUS ODORATUS (Double White Poeticus). A snowy white, sweet-scented. 80c per doz.; \$6.00 per 100.

CHEERFULNESS. This attractive double-flowering Poetaz Narcissus carries 3 to 4 fragrant flowers borne in clusters. A wonderful cut flower. 95c per doz.; \$7.00 per 100.

TWINK. A graceful double variety of the semi-full type, the petals alternating a soft primrose and clear orange. It has none of the confused appearance common to older inferior double varieties. Flowers very early in the garden and is particularly suited for forcing. 3 for 60c; \$1.75 per doz.; \$12.00 per 100.

Medium Trumpet Varieties

CROESUS. A six-petaled disc of light canary-yellow, harmonized with a deep red crown. 95c per doz.; \$7.00 per 100.

HELIOS. (Incomparabilis). Well overlapping and flat deep golden yellow perianth. The very large trumpet-shaped cup opens light orange changing to a deep orange. Very early, free-flowering. 95c per doz.; \$7.00 per 100.

SIR WATKIN. Sulphur petals; deep yellow cup. A giant among the medium trumpets. 85c per doz.; \$6.00 per 100.

JOHN EVELYN. Flat-opening perianth, 4 to 6 inches across, with a flat cup nearly 2 inches in diameter, densely frilled, the perianth being pure white, without any trace of shading, and the cup lemon-yellow, fluted or shirred to the base. Good neck. Strong grower. One of the greatest Daffodils of the present day. 3 for 45c; \$1.55 per doz.; \$11.00 per 100.

MRS. NETTIE O'MELVENY. (Leedsii). Pure white picotee, splendid foliage, tall graceful stem. 85c per perianth and cup of clear lemon-yellow with orange doz.; \$6.50 per 100.

YELLOW POPPY. Well formed flowers with overlapping primrose yellow perianth and expanded yellow cup, bright yellow, edged orange, height 20 inches. Excellent for forcing and unsurpassed for naturalizing. 85c per doz.; \$6.50 per 100.

Daffodils for Naturalizing

For planting under trees in a grassy meadow or on a sunny slope, the effect is always pleasing. Make the planting informal, allow the tops to ripen naturally each season and they will increase in beauty year after year.

McCULLOUGH'S WOODLAND MIXTURE. This mixture carefully blended contains both the large trumpet, medium and small cupped varieties. \$4.00 per 100; \$37.50 per 1,000.

McCULLOUGH'S GARDEN MIXTURE. A well balanced mixture of the large trumpet varieties. \$4.95 per 100; \$45.50 per 1,000.

Three Magnificent Giant Leedsii Daffodil Aristocrats

TUNIS (Leedsii). A large, tall, robust growing Leedsii variety, of most distinct character and great, lasting substance. Broad waved white perianth and large, bold ivory crown with handsome flanged and serrated brim, retaining a remarkable flush of pale coppery gold at the edge. 40c each; \$4.00 per dozen.

SILVER STAR (Leedsii). Perfect broad-petaled star-shaped perianth of pure cream-white, with finely proportioned, wide-mouthed trumpet of primrose, changing to cream-white, just a shade deeper than the perianth; extra fine, and very free-flowering. 3 for 50c; \$1.50 per dozen; \$10.00 per 100.

GERTIE MILLAR (Leedsii). Wonderful flower of the new Giant Leedsii type, with pure white perianth similar to and as large as Van Wavieren Giant with a beautifully proportioned pale primrose cup, deeply fluted and frilled. A most handsome flower. 40c each; \$4.00 per dozen.

Special Collection Offer

8 Daffodils in a wide range of varieties.

EMPEROR (Giant Yellow Trumpet)

SPRING GLORY (Giant Bi-Color Trumpet)

SIR WATKINS (Incomparabilis)

BARRI CONSPICUUS (Yellow Barri)

DIANA KASNER (White Barri)

LAURENS KOSTER (Poetaz)

MRS. NETTIE O'MELVENY (Leedsii)

CHEERFULNESS (Double)

These 8 very beautiful varieties, 12 each. Selected bulbs all separately packed and labeled. Total 96 selected Daffodil bulbs. Regular catalog value \$6.75.

Special Collection Price — \$5.95

We also offer one-half collection, 6 each of the above 8 named varieties of Daffodils or a total of 48 bulbs all packed separately for \$3.25.

TULIPS for Your May Garden



DARWIN TULIPS

	10	100
Afterglow (Darwin). Deep rosy orange, with salmon shading at edges of petals; inside deep orange with yellowish base....	1.00	9.00
Baronne de la Tonnaye (Darwin). A beautiful, distinct deep rosy pink, margined blush	1.00	9.00
Bartigon (Darwin). Large; fiery red; showy	1.00	9.00
Bronze Queen (Breeder). Beautiful flower of a delicate shade of brown inside tinted golden bronze	1.00	9.00
City of Haarlem (Darwin). Handsome vermillion red of great substance	1.20	11.00
Clara Butt (Darwin). Soft salmon-rose-pink85	7.50
Dido (Cottage). Flame orange, edged bright orange yellow. One of the most spectacular of tulips	1.30	12.00
Dream (Darwin). Beautiful soft, uniform lilac large flowers	1.00	9.00
Ellen Willmott (Cottage). A large flowering cottage tulip, beautifully shaped, soft creamy yellow. Fragrant	1.00	9.00

Our Tulips this season have been selected from the finest American and English sources. The bulbs are in the largest sizes obtainable. The varieties are those that have proven themselves to be the best. Because of the possibility of losses at sea we cannot guarantee that we will be able to supply all of the Tulip Bulbs. Orders are taken subject to our receiving the bulbs.

Supply is very limited this season. We therefore urge immediate ordering.

CULTURAL DIRECTIONS: See diagram on bottom of page showing depth and distance apart to plant bulbs.

	10	100
Fantasy (Parrot). Large, pink flower with green spot at base of petals	1.25	11.50
Farncombe Sanders (Darwin). Brilliant rosy scarlet, with showy white base.....	.95	8.50
Grenadier (Cottage). Long, brilliant orange-red flowers, borne on very graceful stems	1.00	9.00
Inglescombe Yellow (Cottage). Large, bold canary-yellow flower on long, strong stem. Called "Yellow Darwin" on account of its Darwin type.....	.80	7.00
La Merveille (Cottage). Orange red, large flower, sweet scented	1.00	9.00
Louis XIV (Breeder). Deep purple, bronze flushed. Margin golden brown. Flowers of large substance.....	1.20	11.00
Miss Blanche (Cottage). Large pure white, good forcer.....	1.30	12.00
Mme. Krelage (Darwin). Soft-lilac-rose with broad margin of blush pink.....	1.00	9.00
Mrs. Moon (Cottage). Pure bright yellow with pointed petals slightly reflecting. Very popular	1.00	9.00
Mr. Zimmerman (Triumph). Silky rose pink shading to white at base.....	.95	8.50

	10	100
Pride of Haarlem (Darwin). bright carmine-rose, with blue base	1.00	9.00
Princess Elizabeth (Darwin). Crimson-pink, edged soft rose-pink; white base.....	1.00	9.00
Rev. H. Ewbank (Darwin). Soft lavender-violet, shading to silvery heliotrope at edge..	1.00	9.00
Wm. Copeland (Darwin). Lilac rose, medium size flowers, one of the earliest to bloom. Excellent for forcing.....	.80	7.00
Wm. Pitt (Darwin). Deep crimson, medium size flowers, excellent for early forcing, being earlier than Bartigon.....	1.00	9.00
Zwanenburg (Darwin). Pure white, black anthers, tall and a good keeper.....	1.25	11.50
Mixed Darwins . All colors, making a fine display and good for cutting.....	.70	6.00

SINGLE EARLY TULIPS

The outstanding characteristic of this class is the earliness of bloom.

Keizerskroon. Crimson-scarlet, edged bright yellow; large showy flowers on a very tall and strong stem..... 1.25 11.50



Madonna Lily (*Lilium Candidum*). The loveliest of white Lilies. Its delightful fragrance and beautiful white flowers make it a symbol of purity. Madonna Lilies bloom about the same time as Delphiniums. When planted together form a garden display difficult to equal. Should be planted in full sun and in a well drained soil. Will bloom in June. Large Bulbs, 25c each; \$2.50 per doz.; \$15.00 per 100. Extra Large Bulbs, 35c each; 3 for \$1.00; \$3.50 per doz.; \$25.00 per 100. Jumbo Bulbs, 50c each; \$5.50 per doz.

HARDY LILIES

Regale. The fragrant flowers are white, shading to pale yellow in the center, with a pink tinge on the outer edges. It grows 3 to 4 feet high and is extremely hardy. Easily grown. Plant bulb about 6 inches deep. Blooms in July. Large Bulbs, 25c each; \$2.50 per doz.; \$16.00 per 100. Extra Large Bulbs, 35c each; \$3.50 per doz.; \$25.00 per 100; Jumbo Bulbs, 50c each; \$5.50 per doz.

Tenuifolium. A small Lily of brilliant coloring, deep waxy scarlet. A gem in the rock garden as well as in the border. Prefers a cool, damp, loamy soil and partial shade, but does well anywhere in well-drained soil. June flowering. 15c each; \$1.50 per doz.

LYCORIS (Hardy Amaryllis)

Squamigera. (*Amaryllis Halli*). Produces in early spring attractive green foliage which grows until July, when it ripens and disappears. About a month later to your surprise the flower stocks spring from the ground to a height of 2 to 3 ft. developing an umbel of large lily-shaped flowers, 8 to 12 in number, of a delicate lilac-pink shade. The bulb is perfectly hardy; must be planted in fall; cover the bulb about 4 inches. Each, 75c; \$8.25 per doz.

Lilies are the statelyst of all hardy plants during their respective flowering seasons, and constitute the chief attraction in the hardy border. Plant in well-drained soil.

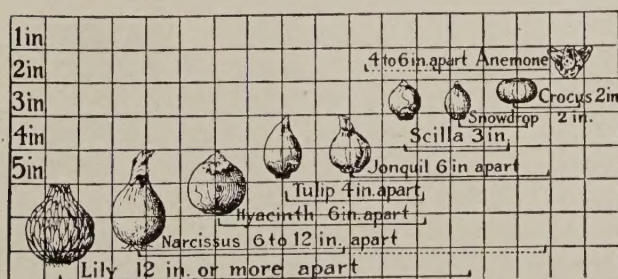


Diagram Showing Depth to Plant Bulbs.

BULBS FOR INDOOR WINTER FLOWERING

Polyanthus Narcissus

BUNCH—FLOWERED

For Indoor Growing (Fragrant)

The three varieties of Polyanthus Narcissus offered below should be grown indoors, pebbles, bulb fiber or soil in bowls or pots. Grown in bowls of pebbles and water continuous bloom may be had from Thanksgiving until Easter. Buy your bulbs early, place in a cool, dry place. Plant every three weeks from Oct. 1st until March 1st. This method will insure you a constant succession of bloom. Grow in a cool room until the flower buds appear above the bulb then bring them into the living room, etc.

PAPER WHITE NARCISSUS. Easily grown, pure white. Large Bulbs 50c per dozen; \$3.75 per 100. Mammoth Bulbs 75c per dozen; \$5.25 per 100.

GRAND SOLEIL D'OR. Clear bright yellow, with orange cup. Easily grown in pebbles and water. 3 for 50c; \$1.50 per dozen; \$10.00 per 100.

CHINESE SACRED LILY (Narcissus). Flowers white with a golden yellow cup. May be grown in pebbles and water similar to the Paper White Narcissus. 3 for 50c; \$1.50 per dozen; \$10.00 per 100.

Pearl Chips, Etc.

WHITE PEARL CHIPS. Lb., 10c; 3 lbs., 25c postage extra.

COLOR PEARL CHIPS. Lb., 15c; 2 lbs., 25c, postage extra.

GRIT. Chips of granite for filling bulb bowls. Pkg. (4) lbs. 10c; postage extra.

Calla Lilies

Use a stiff, clayey soil with a small quantity of shredded cow manure or sheep manure. Bulbs should be planted in a 6 or 7-inch pot with the top of the bulb protruding just above the surface. When in growing condition, warm water given several times during the week will hasten the flowering period and increase the number of blooms.

White (Ethiopica). 40c each; 3 for \$1.10; per doz., \$4.00.

Yellow (Elliottiana). 35c each; 3 for \$1.00; per doz., \$3.50.

Baby Callas (Godfrey). 40c each; 3 for \$1.10; per doz., \$4.00.

Pink Calla Lily (Rehmanni). A dwarf Calla. Color: rose pink changing to a Cerise as the flower matures. 55c ea; 2 for \$1.00; per doz., \$5.50.

The Beautiful Amaryllis

Giant American Hybrids. A wonderful strain of new giant-flowered Amaryllis of free-blooming habit. The large flowers are composed of broad, overlapping petals ranging from crimson, orange, scarlet, and light rose to white. The bulbs should be planted in 6-inch pots in garden loam enriched with a handful of bone fertilizer. Cover bulbs up as far the neck; water sparingly until flower stalk appears, then water freely as plant advances in growth. Large bulbs in mixture only, for delivery October to March. 50c each; \$5.00 per doz.

Freesia

Freesias are easy to grow and everyone should have several pots of these fragrant flowers whose scent will fill the house. Plant them close together in good potting soil, water well, and place the pots outside until real cold weather when they should be placed indoors in a sunny window or the conservatory. Light feedings of fertilizer will increase the size of the flowers as well as enriching their colors.

Improved Purity. Pure white with yellow blotched throat; very fragrant. Mammoth bulbs, 50c per doz.; \$4.00 per 100.

Rainbow Mixture. A splendid strain containing a large number of beautiful colors, 60c per doz.; \$4.75 per 100.

French Roman Hyacinths

French Roman Hyacinths are among the earliest bulbs to flower. Plant in pots containing McCullough's Bulb Fiber or in soil at intervals of every two weeks. Excellent for indoor growing owing to their graceful appearance, delicate fragrance and early blooming.

White. Pure white, very fragrant, easily grown. 20c each; 3 for 50c; per doz. \$2.00.

Naphthaline Flakes

Naphthaline Flakes are recommended for the control of moles and field mice. Do not place Naphthaline Flakes under the bulb. Set the bulb, cover lightly with soil, then sprinkle about 1 teaspoonful of flakes over each bulb, the balance of soil can then be placed over the bulb. Lb., 30c; 5 lbs., \$1.25; 25 lbs., \$5.75.

Onions

Perennial Onions give the first green onions in spring. Plant in the autumn or early winter and the following spring you can enjoy early spring onions long before the soil is in shape to set out the spring onion sets.

Potato Onion Sets.....1 lb. 30c
Potato Onions.....1 lb. 25c
Egyptian Top Onion Sets.....1 lb. 25c

PAPER WHITE (POLYANTHUS) NARCISSUS

McCullough's Bulb Fiber. For growing bulbs, such as Crocus, Tulip, Narcissus, and French Roman Hyacinths. Pkg., 15c; 2 for 25c.

HARDY FLOWERING BULBS

That bloom in early spring, summer and autumn

ANEMONE

Brilliant Flowers of French origin, very showy. Plant about 6 inches deep in cool, moist, well drained soil. Cover in winter with strawy manure.

BLUE POPPY. Resembles a blue poppy having large, single blue flowers on long stems. 65c per doz.; \$4.25 per 100.

DE CAEN. A magnificent robust growing strain with immense saucer-shaped flowers of the most brilliant and varied colors from pink to beautiful shades of blue and brilliant scarlet, borne on long stiff stems. 65c per doz.; \$4.25 per 100.

HIS EXCELLENCY. A grand variety having poppy-like flowers of the most vivid scarlet with silver-white base and black center. Flowers large, some 3 inches across. Height, 1 foot. 65c per doz.; \$4.25 per 100.

ST. BRIGID. Large semi-double flowers of the most brilliant hues and delicate shades of colors, including a good proportion of rose, pinks, lavenders and blues. 65c per doz.; \$4.25 per 100.

BROADIAEA. Thrive easily in almost any soil. They prefer a shaded position as under trees or in rough, stony soils. Plant about 3 inches deep and leave them alone. They bear their showy little star-shaped blooms during May and June. Perfectly hardy. 65c per dozen; \$4.25 per 100.

CALOCHORTUS MARIPOSA (Butterfly Tulip)

They produce showy and colorful blooms of artistic appeal and our mixture includes a particularly wide range of rich colors. They are quite unlike any other plant in our garden which accounts for the special interest they invariably receive whenever seen. Space 2 inches apart and cover with 2 inches of fine sandy soil. Place in a sheltered semi-shaded spot.

CLAVATUS. Very large often over 4 inches across. Stems strong. Color, deep yellow. \$1.00 per dozen; \$7.00 per 100.

MIXED COLORS AND VARIETIES. All colors and markings. 65c per dozen; \$4.25 per 100.

HARDY FLOWERING BULBS CONTINUED ON NEXT PAGE



HARDY FLOWERING BULBS THAT BLOOM IN EARLY SPRING AND SUMMER—(Continued)

CAMASSIA LEICHTLINI BLUE. A hardy and showy bulbous plant which will do well in the border or naturalized in an open moderately moist woodland. Cover the bulbs 4 inches deep with fine sandy soil. Bears during June stately spikes 4 feet tall, carrying many large star-shaped blooms of a lovely bright blue color. A very interesting and showy American plant. **65c per dozen; \$4.25 per 100.**

CHIONODOXA LUCILIAE (Glory-of-the-Snow). An extensive planting forms one of the most sumptuous displays of floral beauty a mass of blue and white, intense and brilliant. They bloom at the time of the Crocuses, producing dwarf flower spikes, bearing from 8 to 10 little blossoms of a sky-blue with a pure white heart, creating a lovely effect. They should be planted in fall 3 inches deep, about 18 bulbs to a square foot in a sunny location or in half shade and in places where they can remain undisturbed for a number of years. The flowers will cross with one another and will seed themselves, forming natural colonies. **60c per dozen; \$4.00 per 100.**

COLCHICUM (Meadow Saffron)

GIANT AUTUMN-FLOWERING CROCUS

The flowers of this accommodating plant resemble crocus. If planted in August or September, the flowers will appear in a short time but the foliage does not appear until spring. They may remain in one spot for years without deterioration. The bulbs may also be bloomed in a sunny window without soil and water and may be planted out after blooming. Plant 2 to 3 inches deep.

Autumnale Major. Rosy purple. **25c each; \$2.50 per doz.**

SPRING-FLOWERING CROCUS

Crocus are frequently the first flowers to appear in spring, coming a few days after the snow disappears. They are at their very best when scattered over a lawn or planted in rows as a border to a bed of perennials. When used on a lawn, scatter them freely over the surface, then lift the sod with a trowel and slip the bulb underneath. Crocus may also be grown in pots or bulb pans and will produce a pleasing effect. The bulbs are entirely hardy, and the grass may be mowed without injuring the Crocus plants. Mixed. **10 for 75c; 100 for \$6.50.**

BULBOUS IRISES

Few bulbous plants are as easy to grow as the bulbous iris. Their flowers are graceful as orchids, are valuable as cut flowers and also very showy in the flower garden. We offer three types, **Dutch**, which is a splendid improvement over the old Spanish, and in addition to the **Dutch** we offer the **English** and a hybrid type known as **Wedgewood**. The English are useful for outdoor planting and follows the Dutch in bloom. Culture—Bulbs of Dutch and English Iris when planted outdoors should be planted 4 to 5 inches deep.

DUTCH IRIS

JUNE BLOOMING

For indoor or outdoor blooming

A. Bloemaard. Very large flower; early. Standards dark purplish blue, falls lighter blue. **75c per doz.; \$5.00 per 100.**

Abraham Storck. A very large Iris and one of the best bloomers; Standards steel-blue; falls very dark blue; tall and vigorous growers. **75c per doz.; \$5.00 per 100.**

White Excelsior. Very early, uniform pure white, falls very broad. **75c per doz.; \$5.00 per 100.**

Indian Chief (W. Verschuur). An excellent variety. Standards violet, tinged bronze; falls bronze. A very strong and vigorous grower. **80c per doz.; \$6.00 per 100.**

Yellow Queen. Standard and falls golden yellow, very tall and early. **75c per doz.; \$5.00 per 100.**

Mixed Dutch Iris. A mixture of named varieties including the above. **60c per doz.; \$4.50 per 100.**

ENGLISH IRIS

These beautiful bulbous Iris thrive in any ordinary garden but require a good loam, very similar to the Dutch Iris with wider petals. Flowering from the end of June through the first part of July makes them a valuable bedding plant as well as a cut flower.

Choice Mixed Shades: **75c per doz.; \$5.00 per 100.**

IRIS HYBRID

Especially recommended for early forcing in greenhouse, excellent in the garden also.

Wedgewood. Standards dark blue, falls pale blue with yellow blotch. **75c per doz.; \$5.00 per 100.**

LEUCOJUM—Snowflake

VERNUM (Spring Snowflake). A very early and welcome spring flower. Will grow 5 to 8 inches high, flowers white tipped with green. Plant in light, well-drained soil 4 to 6 inches apart in masses or clumps 2 inches deep. **60c per dozen; \$4.25 per 100.**

GRAPE HYACINTH

(MUSCARI)

Charming, hardy spring-flowering bulbs. They are something like the Hyacinth, but the clusters and the individual flowers are smaller and of delicate shape. Invaluable for naturalizing, especially with the Narcissus.

Armeniacum. The clearest blue of all Muscari. Quite an improvement over the variety, "Heavenly Blue." Height 4 to 5 inches. **65c per doz.; \$4.25 per 100.**

ORNITHOGALUM ARIBICUM (Star of Bethlehem). White with glossy black eye. Flowers produced on a tall spike. Hardy and very prolific. **65c per doz.; \$4.25 per 100.**

OXALIS. Suitable for pots or hanging baskets. Very easily grown indoors. Attractive foliage with dainty flowers in shades of white, yellow, rose-pink and lavender. **40c per doz.; \$3.00 per 100.**

SNOWDROPS

(GALANTHUS)

Everybody knows the Snowdrop, with its little white bells coming through the snow very early in the spring—practically the first flower to show itself after the dreariness of winter. It is a wonderful bulb for naturalizing and planting in every garden. Plant 2 to 3 inches deep and 1 inch apart. Can also be grown in pots or baskets.

Single-flowering, 60c for 10; \$5.00 per 100.

SCILLAS

(WOOD HYACINTHS)

These flourish in sun as well as in shade under trees. Not particular about the soil in which they grow ideal for the wild garden but not to be despised in the border, especially if left alone for 2 or 3 years without being disturbed in any way; splendid in the rock garden. Produce drooping bell-like flowers.

Scilla Nutans Blue (The true English Bluebell). Shepherd's crook-shaped flowers; very showy and vigorous. **60c for 10; \$5.00 per 100.**

Siberica. A perfect gem, with flowers of richest blue, dwarf and hardy. Excellent planted with crocus and snowdrops, or in borders and for massing. **65c doz.; \$4.25 per 100.**

AUTUMN-FLOWERING CROCUS

Of rare, refined beauty. Unique for table, room or window decoration, blooming soon after being planted. Simply plant the bulbs in a dish, bowl, or saucer, with bulb fiber, and place in the light and watch the flowers unfold in a few weeks.

Planted outdoors in September they produce handsome flowers like large, rosy lavender Crocuses within a few weeks. The foliage comes in spring and dies down in summer. They are permanent and increase. Lovely for autumn color.

Zonatus. Pale rosy lilac, orange center. **35c per doz.; \$2.50 per 100.**

ERYTHRONIUM (Dog's Tooth Violet). A splendid mixture of these native western bulbs which have proved perfectly hardy in our eastern climate. They produce during the spring lovely large star-shaped blooms on graceful slender stems. Light shade and a soil rich in humus contribute toward their welfare and permanence. **65c per doz.; \$4.25 per 100.**

LAWN and GARDEN SUPPLIES



ACME SUPERFINE LAWN SEED

For complete description see Page 1.

1 lb. 75c; 3 lbs., \$2.00; 5 lbs., \$3.25; 10 lbs., \$6.25; 25 lbs. \$14.85.



EMERALD LAWN SEED

For complete description see Page 1.

1 lb., 65c; 3 lbs. \$1.80; 5 lbs., \$2.90; 10 lbs., \$5.75; 20 lbs., \$11.00.

QUEEN CITY LAWN SEED

This reliable, time-tested mixture is composed of Blue Grass, Red Top, Rye Grass and White Clover. It can be depended on to produce a beautiful and permanent lawn.

1 lb. \$.50 3 lbs. \$1.45 5 lbs. \$2.35
10 lbs. \$4.60 20 lbs. \$9.00

KENTUCKY BLUE GRASS

Standard Grade	Extra Heavy
1 lb. \$.45	\$.60
3 lbs. 1.30	1.65
5 lbs. 2.15	2.65
10 lbs. 4.10	5.00
20 lbs. 8.00	9.75

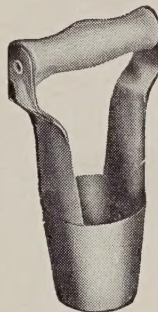
KILLS CRAB GRASS

An amazing chemical that kills both the plant and seed of Crab Grass (Water Grass). This double-action checks reinfestation. Does not destroy lawn grasses. Not injurious to soil. Lawns may be fertilized or reseeded 3 days after treatment. Easy and economical to use. Simply dilute ZOTOX with water and apply over the lawn with a sprayer or sprinkling can. 8 oz. treats up to 1000 sq. ft. (50 x 20). Apply after August 1st. Price: 8-oz. bottle \$1.00; 16-oz. \$1.50; 32-oz. \$2.50; 5 lbs. \$4.50.

ZOTOX Crab Grass Killer

BULB PLANTER

The "hole in one" bulb planting tool is one of the handiest tools ever designed. It removes a round core of soil and makes a perfect flat-bottom planting hole for practically all sorts of bulbs in one easy and quick operation. Permits the planting of bulbs amidst established perennials without any disturbance to their root systems. Once tried no gardener would want to do without it. 60c postpaid.



AGRICO LAWN AND GARDEN FERTILIZER



AGRICO for LAWNS, TREES and SHRUBS

5 lbs. \$.45
10 lbs. .80
25 lbs. 1.50
100 lbs. 4.00

SACCO PLANT FOOD FOR LAWNS AND GARDENS



Clean, odorless, easy to use. Complete directions for applying in each bag.

5-lb. carton .40
10-lb. carton .70
25-lb. bag 1.40
50-lb. bag 2.40
100-lb. bag 3.50

HORTICULTURAL PEAT MOSS

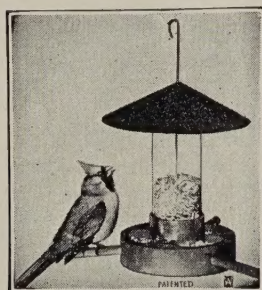
1 bu., 65c; 2 bu. bag, \$1.10; large bale, \$4.00. Plus Delivery Charges.

McCULLOUGH'S WILD BIRD SEED WITH PEANUT HEARTS EARLY FEEDING WILL ENCOURAGE THE BIRDS TO REMAIN FOR THE WINTER

Properly and regularly fed during the winter months will enable birds to control insect life and obnoxious weeds and assure you of having them remain around your home during the spring and summer.

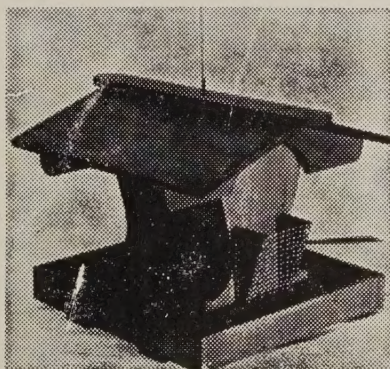


A mixture of re-cleaned seeds, especially blended for the feeding of wild birds. Contains sunflower, millet, wheat, peanut hearts, etc. All whole seeds, no cracked grains.
5 lbs., 65c; 10 lbs., \$1.20; 25 lbs., \$2.60; 50 lbs., \$5.00; 100 lbs., \$9.75.



AUDUBON AUTOMATIC FEEDER

\$2.50 Postpaid



2 IN 1 WILD BIRD FEEDER
FEEDER IN WINTER—WREN
HOUSE IN SUMMER

\$1.94 Postpaid

MILLER'S DOG FOODS

These excellent foods for dogs are made from meat, cereals, Fleischmann's Irradiated Dry Yeast, Cod Liver Oil, Bone Meal, and other top quality ingredients. They contain abundant vitamins and all necessary food elements. Miller's Dry Foods are concentrated and will go much farther than canned meat food; they contain no moisture or filler.



KIBBLES. 5 lbs., 65c; 25 lbs., \$2.75; 100 lbs., \$8.75.
BISCUIT 5 lbs., 65c; 25 lbs., \$2.75; 100 lbs., \$8.75.
RATION. 5 lbs., 45c; 25 lbs., \$1.90; 100 lbs., \$6.25.
EATIES (Cubes). 5 lbs., 45c; 25 lbs., \$2.00; 100 lbs., \$6.75.
PUPPY MEAL. 5 lbs., 65c; 25 lbs., \$2.75; 100 lbs., \$8.75.

GAINES DOG FOOD

MEAT AND MILK MEAL. Contains meat, milk, eggs, processed beets, soy beans, whole wheat, yellow corn, white rice, malt syrup, minerals, cod liver oil, enzymatic material, lactoflavin concentrate. Gives dogs vigorous health, glossy coat, better digestion, and clean intestinal tracts. 5 lbs., 50c; 10 lbs., 95c; 25 lbs., \$2.00.



GAINES KRUNCHON. Made of exactly the same ingredients as Gaines Meat and Milk Meal but hardened into convenient size cubes that all dogs eagerly crunch on; massaging their gums and increasing the flow of saliva. 5 lbs., 60c; 10 lbs., \$1.15; 25 lbs., \$2.20.

You too . . . can have a beautiful lawn!

EMERALD Lawn Seed

Our standard mixture that has proven satisfactory to our customers over a period of many years. Produces a good clean permanent turf. Composed of re-cleaned Kentucky Blue Grass, Fancy Red Top, Creeping Bent, Cheewing's Fescue, White Clover, and other fine grasses. Does not contain any timothy, better known as hay seed.

Emerald will give satisfaction. 1 lb., 65c; 3 lbs., \$1.80; 5 lbs., \$2.90; 10 lbs., \$5.75; 20 lbs., \$11.00.

ACME SUPERFINE Lawn Seed

As the name implies, this mixture is the finest that modern seed machinery will produce. It is 98½ per cent pure. It contains only the plump seeds which produce the strong, healthy plants. It is a scientific combination of extra heavy Kentucky Blue Grass, Creeping Bent and Fancy Red Top. All deep-rooting permanent grasses, free from any of the coarse grasses. Truly the best lawn seed obtainable. 1 lb., 75c; 3 lbs., \$2.00; 5 lbs., \$3.25; 10 lbs., \$6.25; 25 lbs., \$14.85.

FACTS CONCERNING FALL SOWING

The cool, moist weather of late summer and early fall affords an ideal condition for renovating or rebuilding a lawn that has suffered from drought, neglect, or the ravages of crab grass or other weeds. Fall is also the ideal time for building a new lawn. Seed sown at this time will show quicker growth and has a tendency to stool or spread out, a condition not present during the warmer months. Competition with weeds is practically eliminated at this season, since the latter will not germinate until spring, by which time fall-sown grass is thoroughly established, therefore allowing the weeds very little chance to thrive. Seed may be sown successfully as late as November in the latitude of Cincinnati, but we would recommend September for best results.

QUANTITY TO SOW FOR LAWNS

We recommend sowing at the rate of one pound to 200 square feet for a new lawn or 100 to 150 pounds per acre. It requires about one-half as much seed for an established lawn. **Send for booklet, "How to Make and Maintain a Lawn".**



TERMS and INFORMATION

In pricing this catalog we have been required to anticipate such problems as—difficulties in securing certain lines of merchandise due to war program—possible new taxes on some articles that would raise prices—and other situations.

It will be our purpose to fill your orders completely, promptly, and at the prices quoted in the catalog. However, if circumstances prevent this, it may be necessary on some items to refuse or delay your order, substitute, or ask for a higher price.

On large orders we will quote special prices. Write us.

Remittances should accompany orders. C. O. D. shipments are not desired. Money orders are the best form of remittance, but stamps may be sent for small amounts.

The J. Chas. McCullough Seed Co. gives no warranty, expressed or implied, as to the productiveness of any seed or bulbs it sells, and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

THE J. CHAS. McCULLOUGH SEED CO.

230 EAST FOURTH ST., CINCINNATI, OHIO • Parkway 2600